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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
DG	AA	WO 93/01275	1/21/93	PCT				
	AB	WO 94/09119	4/28/94	PCT				
	AC	WO 94/10292	5/11/94	PCT				
	AD	WO 94/16718	8/4/94	PCT				
	AE	WO 95/12665	5/11/95	PCT				
	AF	WO 95/13364	5/18/95	PCT				
	AG	WO 97/41208	11/6/97	PCT				
	AH	WO 99/56759	11/11/99	PCT				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages Etc.)*

DG	AI	Anderson, D.J. Stem cells and transcription factors in the development of the mammalian neural crest. *FASEB J.* 8, 707-713 (July 1994).
	AJ	Arsenijevic, Y. & Weiss, S. Insulin-Like Growth Factor-I is a Differentiation Factor for Postmitotic CNS Stem Cell-Derived Neuronal Precursors: Distinct Actions from Those of Brain-Derived Neurotrophic Factor. *J. Neurosci.* 18, 2118-2128 (15 March 1998).
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	AL	Auerbach, J.M. et al. Transplanted CNS stem cells form functional synapses in vivo. *Eur. J. Neurosci.* 12, 1696-1704 (May 2000).
	AM	Avoli, M. et al. Pharmacology and Electrophysiology of a Synchronous Gaba-Mediated Potential in the Human Neocortex. *Neurosci.* 62, 655-666 (1994).
	AN	Bamji, S. et al. Comparison of the Expression of a Talpha1:nlacZ Transgene and Talpha1 alpha-Tubulin mRNA in the Mature Central Nervous System. *J. Comp. Neurol.* 374, 52 (1996).
	AO	Bellows, C.G. et al. Determination of Numbers of Osteoprogenitors present in Isolated Fetal Rat Calvaria Cells In Vitro. *Dev. Biol.* 133, 8-13 (1989).
	AP	Bjornson, C.R.R. et al. Turning Brain into Blood: A Hematopoietic Fate Adopted by Adult Neural Stem Cells in Vivo. *Science* 283, 534-537 (1999).

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	AQ	Bruckenstein, D.A. & Higgins, D. Morphological Differentiation of Embryonic Rat Sympathetic Neurons in Tissue Culture. *Dev. Biol.* 128, 324-336 (1988).
	AR	Brustle, O. et al. Embryonic Stem Cell-Derived Glial Precursors: A Source of Myelinating Transplants. *Science* 285, 754-756 (30 July 1999).
*	AS	Burns, S. et al. A primate model of parkinsonism: Selective destruction of dopaminergic neurons in pars compacta of the substantia nigra by N-methyl-4-phenyl-1,2,3,6-tetra-hydropyridine. *PNAS*80, 4546-4550 (1983).
*	AT	Calof et al. Analysis of Neurogenesis in a Mammalian Neuroepithelium: Proliferation and Differentiation of an Olfactory Neuron Precusor in Vitro. *Neuron* 3, 315 (1989).
	AU	Cameron, H.A. & McKay, R. Stem cells and neutogenesis in the adult brain. *Curr. Opin. Neurobiol.* 8, 677-680 (Oct. 1998).
*	AV	Carlsson, A. et al. 3,4-Dihydroxyphenylalanine and 5-Hydroxytryptophan as Reserpine Antagonists. *Nature* 180, 1200 (1957).
	AW	Clarke, D.L. et al. Generalized Potential of Adult Neural Stem Cells. *Science* 288, 1660-1663 (2000).
	AX	Daadi, M. et al. Activin Co-operates with Fibroblast Growth Factor 2 to Regulate Tyrosine Hydroxylase Expression in the Basal Forebrain Ventricular Zone Progenitors. *Neurosci.* 86, 867-880 (Oct. 1998).
	AY	Daadi, M.M. & Weiss, S. Generation of Tyrosine Hydroxylase-Producing Neurons form Precursors of the Embryonic and Adult Forebrain. *J. Neurosci.* 19, 4484-4497 (June 1999).
*	AZ	Dunnet, S.B. et al. Nigral transplants in primate models of parkinsonism. *Intracereb. Transplant. Movem. Disord.*, O. Lindvall, et al., eds. Restorative Neurology 4, 27-51 (1991).
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*	BB	Fahn, S. Fetal-tissue Transplants in Parkinson's Disease. *N.E. J. Med.* 327, 1589-1590 (1992).
	BC	Ferrari, G. et al. Muscle Regeneration by Bone Marrow-Derived Myogenic Progenitors. *Science* 279, 1528-1530 (1998).
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*	BE	Friachard et al. In vitro differentiation of embryonic stem cells into glial cells and functional neurons. *J. Cell. Sci.* 108, 3181-3185 (1995).
*	BF	Gage, F.H. et al. Survival and differentiation of adult neuronal progenitor cells transplanted to the adult brain. *PNAS* 92, 11879-11883 (1995).
*	BG	Gloster, A. et al. The T-alpha1 alpha-Tubulin Promoted Specific Gene Expression as a Function of Neuronal Growth and Regeneration in Transgenic Mice. *J. Neurosci.* 14, 7319-7330 (1994).

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		Greenwood, A.L. et al. Identification of dividing, determined sensory neuron precursors in the mammalian neural crest. *Development* 126, 3545-3559 (Aug. 1999).
	BI	Gussoni, E. et al. Dystrophin expression in the mdx mouse restored by stem cell transplantation. *Nature* 401, 390-394 (1999).
	BJ	Huard, J.M.T. et al. Adult Olfactory Epithelium Contains Multipotent Progenitors that Give Rise to Neurons and Non-Neural Cells. *J. Comp. Neurol.* 400, 469-486 (2 Nov. 1998).
*	BK	Kaufman, S.J. et al. Replicating myoblasts express a muscle-specific phenotype. *PNAS* 85, 9606-9610 (1988).
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	BM	Kessler, P.D. & Byrne, B.J. Myoblast Cell Grafting into Heart Muscle: Cellular Biology and Potential Applications. *Ann. Rev. Physiol.* 61, 219-242 (1999).
	BN	LaBonne, C. & Bronner-Fraser, M. Induction and Patterning of the Neural Crest, a Stem Cell-Like Precursor Population. *J. Neurobiol.* 36, 175-189 (1998).
*	BO	Langston, J.W. et al. Chronic Parkinsonism in Humans Due to a Product of Meperidine-Analog Synthesis. *Science* 219, 979-980 (1983).
	BP	Lee, S.H. et al. Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells. *Nat. Biotechnol.* 18, 675-679 (June 2000).
*	BQ	LeGal La Salle, G. et al. An Adenovirus Vector for Gene Transfer into Neurons and Glia in the Brain. *Science* 259, 988-990 (1993).
	BR	Lumelsky, N. et al. Differentiation of Embryonic Stem Cells to Insulin-Secreting Structures Similar to Pancreatic Islets. *Science* 292, 1389-1394 (18 May 2001).
	BS	Lundberg, C. et al. Survival, Integration, and Differentiation of Neural Stem Cell Lines after Transplantation to the Adult Rat Striatum. *Exp. Neurol.* 145, 342-360 (June 1997).
*	BT	Mayo, M.L. et al. Desmin expression during early mouse tongue morphogenesis. *Int. J. Dev. Biol.* 36, 255-263 (1992).
	BU	McKay, R. Stem Cells in the Central Nervous System. *Science* 276, 66-71 (4 April 1997).
	BV	McKay, R. Stem cells – hype and hope. *Nature* 406, 361-364 (27 July 2000).
	BW	Morrison, S.J. et al. Prospective Identification, Isolation by Flow Cytometry, and In Vivo Self-Renewal of Multipotent Mammalian Neural Crest Stem Cells. *Cell* 96, 737-749 (5 March 1999).
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		Morshead, C.M. et al. Neural Stem Cells in the Adult Mammalian Forebrain: A Relatively Quiescent Subpopulation of Subependymal Cells. *Neuron* 13, 1071-1082 (Nov. 1994).
	BZ	Mujtaba, T. et al. A Common Neural Progenitor for the CNS and PNS. *Dev. Biol.* 200, 1-15 (1998).
	CA	Orlic, D. et al. Bone marrow cells regenerate infarcted myocardium. *Nature* 410, 701-705 (5 April 2001).
*	CB	Ourednik, v. et al. Developmental Biology: Frontiers for Clinical Genetics. *Clin. Genet.* 56, 267-278 (1999).
*	CC	Peel, A.L. & Feldman, D.H. Co-localization of glial and neuronal markers in RGF-generated cultures of pluripotent CNS stem cells. *Society Neurosci.* 21, 285:122.6 (1995).
	CD	Pereira, R.F. et al. Cultured adherent cells from marrow can serve as long-lasting precursor cells for bone, cartilage, and lung in irradiated mice. *PNAS* 92, 4857-4861 (1995).
	CE	Peterson, B.E. et al. Bone Marrow as a Potential Source of Hepatic Oval Cells. *Science* 284, 1168-1170 (1999).
	CF	Pittenger, M.F. et al. Multilineage Potential of Adult Human Mesenchymal Stem Cells. *Science* 284, 143-147 (1999).
	CG	Prockop, D.J. Marrow Stromal Cells as Stem Cells for Nonhematopoietic Tissues. *Science* 276, 71-74 (1997).
	CH	Represa, A. et al. EGF-responsive neural stem cells are a transient population in the developing mouse spinal cord. *Eur. J. Neurosci.* 14, 452-462 (Aug. 2001).
*	CI	Reynolds, B.A. & Weiss, S. Generation of Neurons and Astrocytes from Isolated Cells of the Adult Mammalian Central Nervous System. *Science* 255, 1707-1710 (1992).
	CJ	Reynolds, B.A. & Weiss, S. Clonal and Population Analyses Demonstrate that an EGF-Responsive Mammalian Embryonic CNS Precursor is a Stem Cell. *Dev. Biol.* 175, 1-13 (10 April 1996).
	CK	Rietze, R. et al. Mitotically Active Cells that Generate Neurons and Astrocytes are Present in Multiple Regions of the Adult Mouse Hippocampus. *J. Comp. Neurol.* 424, 397-408 (28 Aug. 2000).
	CL	Sanchez-Pernaute, R. et al. In Vitro Generation and Transplantation of Precursor-Derived Human Dopamine Neurons. *J. Neurosci. Res.* 65, 284-288 (15 Aug. 2001).
*	CM	Schubert, D. et al. Ontogeny of electrically excitable cells in cultured olfactory epithelium. *PNAS* 82, 7782-7786 (1985).
	CN	Shah, N.M. et al. Glial Growth Factor Restricts Mammalian Neural Crest Stem Cells to a Glial Fate. *Cell* 77, 349-360 (6 May 1994).
	CO	Shimazaki, T. et al. The Ciliary Neurotrophic Factor/Leukemia Inhibitory Factor/gp130 Receptor Complex Operates in the Maintenance of Mammalian Forebrian Neural Stem Cells. *J. Neurosci.* 21, 7642-7653 (1 Oct. 2001).

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		Sieber-Blum, M. Factors Controlling Lineage Specification in the Neural Crest. *Intl. Rev. Cytol.* 197, 1-33 (2000).
*	CQ	Slack, R.S. & Miller, F.D. Viral vectors for modulating gene expression in neurons. *Curr. Opin. Neural Biol.* 6, 576-583 (1996).
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*	CS	Soriano, E. et al. Simultaneous Immunocytochemical Visualization of Bromodeoxyuridine and Neural Tissue Antigens. *J. Histochem. Cytochem.* 39, 255-263 (1991).
*	CT	Sosnowski, E. et al. Chemical traumatization of adult mouse olfactory epithelium in situ stimulates growth and differentiation of olfactory nerves in vitro. *Brain Res.* 702, 37-48 (1995).
	CU	Stemple, D.L. & Anderson, D.J. Isolation of a Stem Cell for Neurons and Glia from the Mammalian Neural Crest. *Cell* 71, 973-985 (11 Dec. 1992).
	CV	Studer, L. et al. Transplantation of expanded mesencephalic precursors leads to recovery in parkinsonian rats. *Nat. Neurosci.* 1, 290-295 (August 1998).
	CW	Taylor, G. et al. Involvement of Follicular Stem Cells in Forming Not Only the Follicle but Also the Epidermis. *Cell* 102, 451-461 (18 Aug. 2000).
	CX	Tsai, R.Y.L. & McKay, R.D.G. Cell Contact Regulates Fate Choice by Cortical Stem Cells. *J. Neurosci.* 20, 3725-3735 (2000).
*	CY	Ungerstedt, U. et al. Quantitative Recording of Rotational Behavior in Rats After 6-Hydroxy-Dopamine Lesions of the Nigrostriatal Dopamine System. *Brain Res.* 24, 485-493 (1970).
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	DA	Vescovi, A.L. et al. bFGF Regulates the Proliferative Fate of Unipotent (Neuronal) and Bipotent (Neuronal/Astroglial) EGF-Generated CNS Progenitor Cells. *Neuron* 11, 951-966 (Nov. 1993).
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*	DC	Weiss, S. et al. Is there a neural stem cell in the mammalian forebrain? *Trends Neurosci.* 19, 387-393 (Sept. 1996).
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	DE	White, P.M. et al. Neural Crest Stem Cells Undergo Cell-Intrinsic Developmental Changes in Sensitivity to Instructive Differentiation Signals. *Neuron* 29, 57-71 (Jan. 2001).
*	DF	Widner, H. et al. Bilateral fetal mesencephalic grafting in two patients with parkinsonism induced by 1-methyl-4-phenyl-1,2-3,6-tetrahydropyridine (MPTP). *N.E. J. Med.* 327, 1556-1563 (1993).

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DH	DH	Winkler, C. et al. EGF-responsive neural progenitor cells, survive, migrate and differentiate after transplantation into the adult rat striatum. *Society for Neurosci.* 21, 2029:796.19 (1995).
DH	DH	Wohl, C.A. & Weiss, S. Retinoic Acid Enhances Neuronal Proliferation and Astroglial Differentiation in Cultures of CNS Stem Cell-Derived Precursors. *J. Neurobiol.* 37, 281-290 (5 Nov. 1998).

EXAMINER	DATE CONSIDERED
Daniel R. Kenett	1/30/2006

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